	Grant Number	Grant Title		Grant Voor	
-	Grant Number	Grant Title	Principle Investigator	Grant Year	
				Application	
				Year 1	
		Southern Center on		Year 2	
1	RD83329301(EPA)	Environmentally-Driven Disparities in	Marie Lynn Miranda	Year 3	
	,	Birth Outcomes	,	Year 4	
				Year 5	
				Year 6	
				Final PR	
				16347-01A1	
2	R01 ES016347	Dependency of O-3 Induced Lung Mucus Hypersecretion on NQO1	W. Michael Foster	16347-02	
				16347-03	
3	6860201585			100 17 00	
				84917-01	
				84917-02	
	P50 HL084917				
4	(Same as 42)	Host Defense Mechanisms in Chronic Lung Disease	Jo Rae Wright	84917-03	
	(Same as 12)			84917-04	
				84917-05	
				Final PR	
5	L33 H100036E	Role of CSC Chemokines at the Innate-Adaptive Interface of Alloimmune Lung Injury	Tereza Martinu		
5	F32 HLU9U205		rereza ivial tiliu	00635 01	
				90625-01	
		National Center for Research Resources	Robert M. Califf		
				2011	
		National Center for Research Resources	Robert M. Califf	2010	
		Office of the Director, Ntl Inst. Of Health	Robert M. Califf		
6	RR024 127-03	Office of the Director, Normat. Of Health	Robert W. Califf	2009	
U	RR024 127-03	Office of the Director, Ntl Inst. Of Health	Robert M. Califf		
				2008	
		National Center for Research Resouces	Robert M. Califf	2007	
				2007	
		National Center for Research Resources	Robert M. Califf		
				2006	
			Rochard Di Guilio	11961-03	
			Richard Di Guilio	11961-04	
7	P30 ES011961	Center for Comparative Biology of Vulnerable Populations	Richard Di Guilio	11961-04S1	
ľ	. 55 25011501	center for comparative biology of valifierable ropulations	Richard Di Guilio	11961-05	
			Richard Di Guilio	11961-05A1	
			Richard Di Guilio	Final PR	
				91140-01	
				91140-01A1	
	1		9 Scott M. Palmer 9	91140-02	
8	K24 HL91140	L91140 Genetic Regulation of Lung Transplant Outcomes		91140-03	
ľ	K24 HL91140			91140-04	
					91140-05
$ldsymbol{f L}$				91140-06	

	Grant Number	United States ex rel. Thomas v. Duke L Grant Title	Principle Investigator	Grant Year	
	Grant Number	Grant Title	Monica Kraft		
			Monica Kraft	81672-01	
		Monica Kraft	81672-02		
9	P01 AI081672	SP-A as an Immune Modulator	Monica Kraft	81672-03	
				81672-04	
			Monica Kraft  Monica Kraft	81672-05	
			IVIOIIICA KTAIT	81672-06	
				16126-01	
				16126-01A1	
				16126-01A1S1	
10	R01 ES016126	Ozone Primes Pulmonary Innate Immunity	John W. Hollingsworth	16126-02	
				16126-03	
				16126-04	
				16126-05	
				16126-06	
			Paul Wesley Noble	77291-01A1	
			Paul Wesley Noble	77291-02	
			Paul Wesley Noble	77291-03	
			Paul Wesley Noble	77291-04	
11	R01 HL077291	1 HL077291 Regulation of Pulmonary Fibrosis by CXCR3	Paul Wesley Noble	77291-05	
			Paul Wesley Noble	77291-06A1	
			Paul Wesley Noble	77291-07	
			Carol Liang	77291-08	
			Paul Wesley Noble	77291-09	
	R21 ES020426	9426 Environmental Epigenetics and Innate Immunity	John W. Hollingsworth	20426-01	
12			John W. Hollingsworth	20426-02	
			John W. Hollingsworth	Final PR	
		GSNO-Reductase, S-Nitrosothiols, and Asthma	Loretta Que	86887-01	
			Loretta Que	86887-02	
13	RO1 HL086887		Loretta Que	86887-03	
13	NOT HEODOGO/		Loretta Que	86887-04	
			Loretta Que	86887-05	
L			Loretta Que	Final PR	
			Harvey E. Marshall	92994-01A1	
			Harvey E. Marshall	92994-02	
			Harvey E. Marshall	92994-03	
14	R01 HL092994	S-Notrosothiols, NF-KappaB and Inflammation in Acute Lung Injury	Harvey E. Marshall	92994-04	
			Harvey E. Marshall	92994-05	
			Harvey E. Marshall	92994-06	
			Harvey E. Marshall	92994-07	
				81285-01A1	
				81285-02	
	R01 HL081285		Jerry Eu	81285-03	
15	(Same as 38)	Ryanodine Receptors in Bronchoconstriction		81285-04	
					81285-05
				Final PR	
16	ES015675				
10			1	i l	

	Grant Number	Grant Title	Principle Investigator	Grant Year	
			·	16659-01	
				16659-01A1	
17	R21 ES016659	Functional Implications of the TNF	W. Michael Foster	16659-02	
				Final PR	
18	HL077763				
			Barry R. Stripp	90146-01	
			Barry R. Stripp	90146-02	
40	111 0004 46	National Heart, Lung and Blood	Barry R. Stripp	90146-02S1	
19	HL090146	Institute	Barry R. Stripp	90146-03	
			Barry R. Stripp	90146-03S1	
			Barry R. Stripp	90146-04	
			Paul Wesley Noble	60539-08	
			Paul Wesley Noble	60539-09	
			Paul Wesley Noble	60539-10	
			Paul Wesley Noble	60539-11	
			Paul Wesley Noble	60539-12	
20	R01 HL060539	Matrix Regulation of Pulmonary Fibrosis	Paul Wesley Noble	60539-13	
			Paul Wesley Noble	60539-14	
			Carol Liang	60539-15	
			Paul Wesley Noble	60539-16	
			Paul Wesley Noble	60539-17	
			Paul Wesley Noble	60539-18	
			Robert J. Lefkowitz	16037-33	
			Robert J. Lefkowitz	16037-34	
			Robert J. Lefkowitz	16037-35	
		01 HL016037 Molecular Regulation of Cardiovascular 7 TM Receptors	Robert J. Lefkowitz	16037-36	
			Robert J. Lefkowitz	16037-37	
21	DO1 HI 016027		Robert J. Lefkowitz	16037-38	
21	KU1 HLU10U37		Robert J. Lefkowitz	16037-39	
			Robert J. Lefkowitz	16037-40	
			Robert J. Lefkowitz	16037-41	
			Robert J. Lefkowitz	16037-42	
			Robert J. Lefkowitz	16037-43	
			Robert J. Lefkowitz	16037-44	
			Soman N. Abraham	2005	
22	AI056101	National Institute of Allergy and Infectious Diseases	Soman N. Abraham	2004	
23	AI074751	National Institute of Allergy and Infectious Diseases	Soman N. Abraham	2008	
				77307-01	
			773	77307-01A1	
24	R21 DK077307	Development of Efficacious Vaccine Against UTI's		77307-02	
					77307-02S1
				Final PR	

	Grant Number	Grant Title	Principle Investigator	Grant Year	
				77159-01A1	
					77159-02
			77159-03		
25	R01 DK077159	Modulation of Bladder cAMP to Combat UTI's	Soman N. Abraham	77159-03S1	
				77159-04	
				77159-05	
			Soman N. Abraham	2008	
			Soman N. Abraham	2007	
L		National Institute of Diabetes and	Soman N. Abraham	2006	
26	DK050814	Digestive and Kidney Disease	Soman N. Abraham	2006	
			Soman N. Abraham	2006	
			Soman N. Abraham	2005	
27	AI064789	National Institute of Allergy and Infectious Diseases	Claude A. Piantadosi	2012	
		•	Judith A. Voynow	82504-01	
	Bod 111 0055		Judith A. Voynow	82504-02	
28	R01 HL82504	Mucin Gene Regulation by Elastase and Oxidants	Judith A. Voynow	82504-03	
			Judith A. Voynow	82504-04	
			Bernard M. Fischer	81763-01A1	
		National Heart, Lung and Blood Institute  Bernard M. Fischer  Bernard M. Fischer  Bernard M. Fischer	Bernard M. Fischer	81763-02	
29	R01 HL081763		81763-03		
				Final PR	
				36982-19	
	R37 HL036982		36982-19\$1		
				36982-1952	
				36982-20	
				36982-21	
			36982-22		
30	(Same as 70)	Mechanicsm of Oxidant-Induced Respiratory Mucin Secretion	Kenneth Adler	36982-2251	
				36982-23	
			36982-24		
				36982-25	
				36982-26	
				36982-27	
				43728-01A2	
				43728-02	
				43728-03	
				43728-04	
	T00 1100 10700	Eunice Kennedy Shriver National Institute	0.0111	43728-05	
31	T32 HD043728	of Child Health & Human Development	Ron Goldberg	43728-06	
				43728-07	
				43728-08	
				43728-09	
				43728-10	
				67021-04	
32	R01 HL067021	Chemokine Blockade to Preserve Lung Development	Richard L. Auten	67021-05	
					Final PR

	Grant Number	Grant Title	Principle Investigator	Grant Year
	U19 ES012496		Jonathan S. Stamler	12496-03
33		The Pathogenesis and Genetics of Environmental Asthma	David Schwartz	12496-04
33	013 13012430	The Fathogenesis and Genetics of Environmental Astrina	W. Michael Foster	12496-05
			W. Wilchael Föster	Final PR
				68822-01
				68822-01A1
				68822-01A2
34	K08 AI068822	The In Vivo Role of Surfactant Protein A in Allergic Lung Disease	Amy M. Pastva	68822-02
54	1000022	The III vivo Role of Surfactant Frotein A III Allergic Lung Disease	Alliy W. Tastva	68822-02S1
				68822-03
				68822-04
				Final PR
				68072-05A1
				68072-06
35	R01 HL068072	The Role of Surfactant in Innate and Adaptive Immunity	Jo Rae Wright	68072-07
33	KUI HLUUOU72	The Role of Surfactant in finate and Adaptive Infinitinity 30	Jo Kae Wright	68072-08
				68072-09
				Final PR
36	HL058795			
			Julia K. Walker	84123-01A2
				84123-02
37	R01 HL084123	T Call Function in Arthma Danands on a Newal Signaling Pathway		84123-03
57	NU1 HLU64125	T Cell Function in Asthma Depends on a Novel Signaling Pathway		84123-04
				84123-05
				Final PR
				81285-01A1
				81285-02
38	R01 HL081285	Diseaseding Decembers in Dranch acceptainting	James DC For	81285-03
38	(Same as 15)	Ryanodine Receptors in Bronchoconstriction	Jerry PC Eu	81285-04
				81285-05
				Final PR
				79915-01
20	LU 070015	National Harat Lung and Dland lastitute	Marihar I. Talaa	79915-02
39	HL079915	National Heart, Lung and Blood Institute	Marilyn J. Telen	79915-03
				79915-04
			Julie G. Ledford	91642-01
40	F32 HL091642	Role of Surfactant in Mycoplasma Pulmonary Infection and Exacerbation		91642-02
				91642-03
41	HL073907			

	Grant Number	Grant Title	Principle Investigator	Grant Year
			Monica Kraft	2010
		Monica Kraft	2010	
		Monica Kraft	2009	
		Monica Kraft	2009	
		Monica Kraft	2008	
		Monica Kraft	2008	
		Monica Kraft	2007	
			Monica Kraft	2007
			Monica Kraft	2006
			Monica Kraft	2006
			Paul Wesley Noble	2010
			Paul Wesley Noble	2009
			Paul Wesley Noble	2008
			Paul Wesley Noble	2007
			Paul Wesley Noble	2006
			Scott M. Palmer	2010
			Scott M. Palmer	2009
	HL084917 National Heart, Lung and Blood	Scott M. Palmer	2008	
42	(Same as 4)	National Heart, Lung and Blood Institute	Scott M. Palmer	2007
	(Same as 1)	Scott M. Palmer Howard A. Rockman Howard A. Rockman	2006	
			2010	
			Howard A. Rockman	2009
			Howard A. Rockman	2008
			Howard A. Rockman	2007
		Howard A. Rockman	2006	
			Mary E. Sunday	2006
			Jo Rae Wright	2010
			Jo Rae Wright	2010
			Jo Rae Wright	2009
			Jo Rae Wright	2009
			Jo Rae Wright	2008
			Jo Rae Wright	2008
			Jo Rae Wright	2007
			Jo Rae Wright	2007
			Jo Rae Wright	2006
			Jo Rae Wright	2006
			Jo Rae Wright	2006
				87094-01A1
43	R21 HL87094	1994 Hyperpolarized 129Xe Imaging of Pulmonary Gas Exchange	Bastiaan Driehuys	87904-02
				Final PR
44	ES07943			
45	K08 HL91335	Innate Immune Response to Environmental Endotoxin	John W. Hollingsworth	91335-05
45	NOO HESTSSS	minate infinitine nesponse to Environmental Endotoxini	John W. Hollingsworth	Final PR

	Grant Number	United States ex rel. Thomas v. Duke  Grant Title	Principle Investigator	Grant Year
				92656-08
				92656-09
46	U24 CA092656	Small Animal Imaging Resource Program	George Allen Johnson	92656-10
				92656-11
				Final PR
47	ES11375	National Institute of Environmental Health Sciences	Elwood A. Linney	2006
48	ES7498			
49	ES9607			
50	AI58161			
				75307-01A2
-4	DO4 111 075207	Adabasetias of Alassacia Constituted Aircons Contractific	The same NA NA same	75307-02
51	R01 HL075307	Maturation of Normal & Sensitized Airway Contractility	Thomas M. Murphy	75307-03
				75307-04
				HL067281-01A1
				HL067281-02
52	R01 HL067281	The NAD(P)H Oxidase in Airways Remodeling and Reactivity  John R. Hoidal	John R. Hoidal	HL067281-03
				HL067281-04
				HL067281-05
		ES12717 Innate Immune Response to Environmental Endotoxin John W. Ho		12717-01
	V00 FC42747		Inha M. Hallana and	12717-02
53	K08 ES12717		John W. Hollingsworth	
				12717-04
				20350-01
			HL067281-05  12717-01  12717-02  12717-03  12717-04  20350-01  20350-01A1  20350-02  rth  20350-03  20350-04	
		1 ES020350 Extracellular Matrix, Innate Immunity, and Ozone-Induced Airways Disease John W. Hollingsworth		20350-02
54	R01 ES020350		John W. Hollingsworth	20350-03
				20350-04
			20350-05	
				20350-06
55	R56 AI089756	The Effects of NLRP12 and IL1B in Inflammatory Disorders	Kristi Williams	89756-01
55	N30 A1003730	The Effects of NEW 12 and TEID III fill affill actory Disorders	Kristi Williams	Final PR
				16000-01
				16000-02
56	ES16000	The Role of Ecsodf in Lung Repair After Silica-Induces Injury	Cheryl Fattman	16000-02S1
30	2510000	The Role of Ecoout in Eurig Repair Arter Sinca-induces injury	Cheryi rattiran	16000-03
				16000-04
				16000-05
				16836-01A2
				16836-02
57	R01 ES016836	S016836 NQO1: Linking Oxidant Stress to Inflammation in Airway Epithelial Cells	Judith A. Voynow	16836-03
				16836-04
				16836-05
58	HL005009			

Г	Grant Number	United States ex rei. Inomas v. Duke Ui Grant Title	Principle Investigator	Grant Year
	Grant Hamber	Number Grant fine	Timespie investigator	142842-01
				142842-01A1
59	R01 CA142842	Sensitive and Specific Molecuular Imaging of Pulmonary Nodules	Bastiaan Driehuys	142842-02
				142842-03
				142842-04
				142842-05
				107590-01
				107590-01A1
60	R01 HL107590	Modulation of Asthma by GSNO-Based Therapies	Loretta Que	107590-02
				107590-03
				107590-04
				17219-01
				17219-02
				17219-03
				17219-03S1
				17219-0352
		Prevention of Inflammatory Lung Injury After Chlorine Exposure/Development of		17219-04
61	U01 ES017219	Therapeutics for Chlorine-Induced Airway and Lung Injury	Michael D. Gunn	
		merapeates for entorine induced fill day and early injury		17219-05
				17219-05 Amended
				17219-05 Supplement
				17219-06
				17219-08
				17219-09
	K99 HL111151	The Role of SP-A in Mp-Induced Exacerbations During Allergic Airway Disease  The Role of SP-A in Mp-Induced Exacerbations During Allergic Airway Disease	Julie G. Ledford	111151-01A1
				111151-02
62				111151-03
	R00 HL111151			111151-04
	KOO HEIIIISI			111151-05
62	D04 111 42 F C02	Confested Destate A Destate of Factors III According to Addition	Lille C. Leaffeard	125602-01
63	R01 HL125602	Surfactant Protein-A Regulation of Eosinophil Apoptosis in Asthma	Julie G. Ledford	125602-02
				105702-01A1
			Judy Voynow	105702-02
64	R01 HL105702	Gastrin-Releasing Peptide and Bronchopulmonary Dysplasia		105702-03
			Charles Cotton	105702-04
				105702-05
65	R21 HL106121	S-Notrosothiol-Regulated Pathways in Acute Lung Injury	Harvey E. Marshall	106121-01 106121-02
-				13611-01A2
				13611-01A2
				13611-03
				13611-04
69	R01 ES013611	Diesel-Induced Alterations of Influenza Infectivity	Ilona Jaspers	13611-05
	10125013011	Dieser induced Arterations of Influenza Infectivity		13611-06 13611-07
				13611-07
				13611-08
				13611-09

	Grant Number	Grant Title	Principle Investigator	Grant Year
				5959-19
				5959-20
				5959-20S1
	1 P41 RR005959 Integrated Center for in Vivo Microscopy			5959-21
				5959-22
71		Integrated Center for in Vive Microscopy	George Allen Johnson 599	5959-22S1
/1		integrated center for in vivo wilcroscopy		5959-23
				5959-24
				5959-25
			5959-26	
				5959-27
				5959-28